

CLAIMS

1. A method for storing and handling a roll of a paper machine, board machine, or finishing machine, in which method a special base is arranged for the roll (13), for moving the roll (13) from its operating location to a roll store (20) and/or to a means of transportation (23), or for storing the roll (13) in the store (20), characterized in that the base is made into a roll box (10), inside of which suitable heat and humidity conditions are arranged for the roll (13), which are maintained when using such a room or area as the roll store (20), in which the heat and humidity conditions are either poorly regulated or not regulated at all.

2. A method according to Claim 1, characterized in that the roll box (10) is equipped with wheels (15) and the roll box (10) is moved by being pushed and/or pulled by a transport vehicle, such as a forklift truck (22).

3. A roll box, which is intended to protect a roll (13) of a paper machine, board machine, or finishing machine during storage and transportation, and which roll box (10) includes a base (11) with a detachable or raisable cover (12) fitted to it, and devices (14, 14') for securing the roll (13) to the base (11), characterized in that the roll box (10) includes devices (17) for maintaining suitable heat and humidity conditions in the roll box (10) for the roll (13).

4. A roll box according to Claim 3, characterized in that the equipment (17) includes air-conditioning equipment and its monitoring and control equipment, when the roll box (10) is closed to be airtight.

5. A roll box according to Claim 3 or 4, characterized in that insulation (18) is fitted to the base (11) and/or the cover (12) and essentially covers the entire roll box (10).

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6. A roll box according to one of Claims 3 - 5, characterized in that the roll box (10) further includes support wheels (15) at least one end of the base (11), the axis of rotation of which is arranged essentially transversely to the roll box 5 (10), and that there are connecting devices (16) at the other end of the base (11) to allow the roll box (10) to be handled by a transport vehicle, such as a forklift truck (22).

7. A roll box according to Claim 6, characterized in that the 10 support wheels (15) are arranged within the external dimensions of the roll box (10) in the transverse direction.

8. A roll box according to Claim 6, characterized in that a second set of support wheels are arranged, in addition to the 15 connecting devices (16), at the aforesaid other end of the base (11).

9. A roll box according to Claim 8, characterized in that a power source and steering devices are connected to the second 20 set of support wheels.

10. A method according to one of Claims 3 - 9, characterized in that the roll box (10) includes equipment for identifying, positioning, and/or servicing the roll (13).

PCD A3

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